

```
subscribe qrp-1
```

[illegible]

Thanks for the offer though. :-)

[illegible]

From owner-qrp-l@netcom.com Tue Dec 20 08:56:15 1994
From: ab4el@Cybernetics.NET (Stephen Modena)

Message-Id: <9412201143.AA22863@Cybernetics.NET>
Subject: About QRP SSBing last night
Date: Tue, 20 Dec 1994 06:43:49 -0500 (EST)

Well I tuned around a bit last night.

Started on 75 M:

Lurking in the DX window, I heard a schuffle when a couple of less-than-thoughtfuls parked on 3.790.5 MHz and a storm of voices pointed out that they were "ragchewing in the DX window on top of an Indian Ocean station....pleaseeeee! Get outtta there!" They did.

I4EAT Fausto was point man for a gaggle (IK4GR0 Lauro and IK7MEJ Mike) and QSBing as high as S9+20 on 3.800...actually I don't ever recall any european pushing my S-meter that high before. Though I did try for 15 minutes, the (proud to mention their amps) KW gang was getting their ear...like the CT station who called when Lauro made a call "for DX only." :^)

Then I listened to the checkins on the Century Club on 3.903.5...and I have to say that the band was open and long at 9 pm EST...already.

So then I shifted to 40 M...and looked for holes. The Century Club on 7.233.5 was chugging along as unusual buried under a strong BC heterodyne...but some callers were loud.

The only other ham I heard in the entire voice segment was a guy in TX calling CQ at 7.219...and by the time I tuned up, he had snagged someone.

So with 7.215 sounding like it was entirely in the clear, I started calling CQ with 5 watts. It was a good reminder that calling CQ continuously for 2 hours won't hack it. :^)

Anyway, after 5 minutes, AB6KC answered me from northern CA. He was 55->59 QSB...and I got 55. He was running 250 W and laughed with delight when I told him my power...and offered that his ICOM S-meter was seeing me varying from S3 to S6 units. We talked for about 10 minutes in the clear and then skip changed direction and ended the QS0.

My conclusion is: both bands are ripping good for SSB skip even early in the evening.

--

73/Steve/AB4EL ab4el@Cybernetics.NET in Raleigh, NC

From owner-qrp-l@netcom.com Tue Dec 20 19:51:12 1994
Date: Tue, 20 Dec 94 18:04:15 EDT
From: "karayan" <karayan@itc.cc.bellcore.com>
Message-Id: <9411207879.AA787975455@itc.cc.bellcore.com>
Subject: Re: Clandestine operation

With all this talk about WW II clandestine operations, using QRP sets, I wonder what propagation was like during the war? Any idea at which part of the solar cycle they were?

72+delta de

George Karayannopoulos N2OW0
Riding the airwaves at Q-uite R-educed P-ower levels

karayan@cc.bellcore.com Bellcore, Red Bank, NJ
Disclaimer: The opinions expressed here are mine and not my employer's.

From owner-qrp-l@netcom.com Tue Dec 20 09:01:19 1994
From: ab4el@Cybernetics.NET (Stephen Modena)
Message-Id: <9412201203.AA23647@Cybernetics.NET>
Subject: Cribsheet for CW Foxchasers: Rev 1994.12.20/12:00Z
Date: Tue, 20 Dec 1994 07:03:17 -0500 (EST)

Remember: The CW FOX runs tonight (Tues. 12/20) E.S.T.!!
His callsign is: KA7ULD

For those wanting to detect fellow I-netters, here is the fist cribsheet. If you think you name should be on it, let me know. I'm not publishing anyone not asking so. :^)

Two formats: Columns across ... and single column.
-- de Steve AB4EL
-----Cut Here-----

Revision: 1994.12.20/11:50Z

KX1E N2CX VE3DNL AB4EL KC5CUW K06CL KC7FII KF8AT
NM1J N2ELW N3PFF WA4NID K5FO KK6MC/5 KD8BJ
N2PSH WA3NNA WB4OWL AB5OU K6QQ AA8CY
WJ2V VE3VAW KE4PC AB5QE N6ULU WB8E
KV2X AD4ZE W5TB KF8EE
WB4ZKA W5TFB NS80

K5UP

WB8ZJL

KX1E

NM1J

..

N2CX

N2ELW

N2PSH

WJ2V

KV2X

..

VE3DN

N3PFF

WA3NNA

VE3VAW

..

WA4NID

WB4OWL

KE4PC

AD4ZE

WB4ZKA

..

KC5CUW

K5FO

AB5OU

AB5QE

W5TB

W5TFB

K5UP

..

K06CL

KK6MC/5

K6QQ

N6ULU

..

KC7FII

..

KF8AT

KD8BJ

AA8CY

WB8E

KF8EE

NS8O

WB8ZJL

From owner-qrp-1@netcom.com Tue Dec 20 23:07:35 1994

From: ab4el@Cybernetics.NET (Stephen Modena)
Message-Id: <9412210031.AA29869@Cybernetics.NET>
Subject: Final (12/20) CW QRP Cribsheet
Date: Tue, 20 Dec 1994 19:31:49 -0500 (EST)

OK-- This won't reach everyone. But nonetheless a number of
callsigns have been added...and the session does start later.

-- de AB4EL

=====

QRP-L CW FOX HUNTING CRIBSHEET

Revision: 1994:12:21/00:12Z

KX1E	N2CX	VE3DNL	AB4EL	KC5CUW	K06CL	AA7AR/6	KF8AT	WB0NVB
KC1FB	W2DYY	WB3GCK	NZ4I	KC5EQC	VE6GK	KC7FII	KD8BJ	
W1HUE	N2ELW	N3PFF	WA4NID	K5FO	KK6MC/5	WW7Y	AA8CY	
NM1J	VE2KN	WA3NNA	WB4OWL	KB5HVN	K6QQ		WB8E	
N1QPR	N2PSH	VE3VAW	KE4PC	AB5OU	N6ULU		KF8EE	
	WJ2V		AD4ZE	AB5QE			NS80	
	KV2X		WB4ZKA	KA5T			WB8ZJL	
				W5TB				
				W5TFB				
				K5UP				

KX1E
KC1FB
W1HUE
NM1J
N1QPR
..
N2CX
W2DYY
N2ELW
VE2KN
N2PSH
WJ2V
KV2X
..
VE3DNL
WB3GCK
N3PFF
WA3NNA
VE3VAW
..

AB4EL
NZ4I
WA4NID
WB4OWL
KE4PC
AD4ZE
WB4ZKA

..
KC5CUW
KC5EQC
K5FO
KB5HVN
AB5OU
AB5QE
KA5T
W5TB
W5TFB
K5UP

..
K06CL
VE6GK
KK6MC/5
K6QQ
N6ULU

..
AA7AR/6
KC7FII
WW7Y

..
KF8AT
KD8BJ
AA8CY
WB8E
KF8EE
NS80
WB8ZJL

..
WB0NVB
====

From owner-qrp-1@netcom.com Tue Dec 20 19:24:55 1994
From: Scott Darragh KE6MGW <sdarragh@cisco.com>
Message-Id: <199412201920.LAA12280@lint.cisco.com>
Subject: For Sale or Trade: Ten-Tec Century 21
Date: Tue, 20 Dec 94 11:20:57 PST

I have a Ten-Tec Century 21 for sale with the Ten-Tec Century 21 antenna tuner and the Ten-Tec Century 21 electronic keyer. All three pieces are in

Mint/Nr. Mint condition. This radio can be tuned down very easily to QRP levels it has an output power knob on the face of the radio hence no internal adjustments. I have been running it about 5 watts or so for fun. I have the manuals for the radio. Asking \$325 firm + shipping or I may consider trade!

Scott

--

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-----
Scott R. Darragh    A.R.S. KE6MGW    "When you win you get a feeling of
sdarragh@cisco.com    exhilaration. When you lose you get
Cisco Systems, Inc.    a feeling of resolution. You resolve
800-326-1941 x7173    never to lose again." -V. Lombardi
-----
```

From owner-qrp-1@netcom.com Tue Dec 20 08:54:20 1994
Date: Tue, 20 Dec 1994 06:04:19 -0600 (CST)
From: Theodore Drake <tdrake@metronet.com>
Subject: Re: ftp site address
Message-Id: <Pine.HPP.3.90.941220060252.16733A-100000@fohnix.metronet.com>

bummer John, I'll find and ship the ftp site if no one posts it - e-mail me tonight if you still need it.

As access grows you may want to look for a cheap alternative. Many local BBS's now carry FIDONET or even INTERNET e-mail free or very cheap - you may want to look into these as an alternative. I'm about to switch to one of these here due to the volume of traffic. Many of these have off-line mail readers also so you can read/post without tying up the lines. I have instructions for sending/receiving INTERNET e-mail via FIDONET if you need it. Good luck and we'll hope to hear from you soon.

73 'Doc' W5TB

On Mon, 19 Dec 1994, John Fleming wrote:

```
> Greetings, fellow QRP geeks,
>
> My boss made me unsubscribe. Could somebody send me the FTP
> site address for the daily log ??
>
> Thanks
> John N9NDH
> -----
```


Attenuator values and circuit info is given in the ARRL handbook (Page 25-39 in the my edition).

One other note. I had problems with mine, because of stray RF affecting SWR and power output. I fixed the problem by shielding the attenuator with aluminum foil. First covered the resistors with cardboard so the foil wouldn't short the resistors, then wrapped the cardboard in foil for shielding, then put cardboard on the outside so the foil wouldn't short any components in the rig. Whew!

Also, I cut the trace in the xmtr from the relay back to the final output filter, and inserted attenuation here. In this way, I attenuate the transmit signal only, rather than the received signal. If you put the attenuator in the antenna line after the relay, you attenuate both xmit and receive.

But it was worth it. Now I have a pushbutton rig with 7 power levels down to 20 mW.

Good luck & 72

Rob, WA3ULH

From owner-qrp-l@netcom.com Tue Dec 20 10:48:22 1994
Date: Tue, 20 Dec 1994 05:54:11 -0800 (PST)
From: "Henry B. Smith" <hbs@crl.com>
Subject: G'morning Mike (wb4zka)
Message-Id: <Pine.SUN.3.91.941220055239.12215B-100000@crl8.crl.com>

Good morning Mike, it was fun working you on my way to work today.

Have a good week,

Smitty, NA5K/m

From owner-qrp-l@netcom.com Tue Dec 20 12:05:19 1994
From: mont@netcom.com (Mont Pierce)
Message-Id: <199412201445.GAA04773@netcom6.netcom.com>
Subject: Hand Mike needed for Epiphyte
Date: Tue, 20 Dec 1994 06:45:49 -0800 (PST)

I'm looking for an electret mic for use with the epiphyte. Someone recently posted a desk mike available from TenTec.

Does anyone know where I can get ah electret Hand mic?

BTW: I'm also looking for a hand Mic for a Kenwood TS-520.

tnx & 72,
km6wt

--
Mont Pierce

```
+-----+
| Ham Call: KM6WT           Internet:  mont@netcom.com   |
|   bands: 80/40/20/15/10/2                                     |
|   modes: cw,ssb,fm                                           |
+-----+
```

From owner-qrp-1@netcom.com Tue Dec 20 18:32:38 1994
Date: Tue, 20 Dec 1994 11:44:21 -0800 (PST)
From: "John D. Spittle" <jds@freenet.vancouver.bc.ca>
Subject: Re: Hand Mike needed for Epiphyte
Message-Id: <Pine.3.89.9412201158.A28499-0100000@freenet.vancouver.bc.ca>

On Tue, 20 Dec 1994, Mont Pierce wrote:

> I'm looking for an electret mic for use with the epiphyte. Someone
> recently posted a desk mike available from TenTec.
>
> Does anyone know where I can get ah electret Hand mic?
>
> BTW: I'm also looking for a hand Mic for a Kenwood TS-520.
>
> tnx & 72,
> km6wt
> --
> Mont Pierce
>

```
> +-----+
> | Ham Call: KM6WT           Internet:  mont@netcom.com   |
> |   bands: 80/40/20/15/10/2                                     |
> |   modes: cw,ssb,fm                                           |
> +-----+
```

>
The Radio Shack electret element works fine just plugged directly on the board. Alternatively, almost any el cheapo dynamic mike from an old CB set works fine. Just don't make any connection to the polarizing voltage pin. To optimize you may have to change the resistance values (input and feedback) in the speech amplifier. As I recall, the Ten Tec mike offered for sale cost just about as much the Epiphyte!

72 & Season's Greetings Derry VE7QK

From owner-qrp-1@netcom.com Tue Dec 20 16:47:49 1994
Date: Tue, 20 Dec 1994 11:02:39 -0500 (EST)
From: Bob Stafford <bstaffor@dialin.ind.net>
Subject: Homebrew Points
Message-Id: <Pine.3.89.9412201026.B17267-0100000@dialin.ind.net>

First, Thanks for the interesting posting on 19 Dec.

My son (13, N9YBC) and I just built a Lectrokit SP-750 kit and the instructions were EXCELLENT! [tnx Mike] We had no problems with the kit nor the instructions.

What are the QRP freqs? Looking especially 80M.

Bob, N9USD

```
=====
| Bob Stafford           Email Alias: Bob.Stafford@dialin.ind.net
|
|
| 826 N Queen Road
|
| Walkerton, IN 46574
| Phone:           FAX:
=====
```

From owner-qrp-1@netcom.com Tue Dec 20 20:24:54 1994
Date: Tue, 20 Dec 1994 14:45:13 EST
From: RTRC25A@prodigy.com (MR PRESTON J DOUGLAS)
Message-Id: <013.02371307.RTRC25A@prodigy.com>
Subject: OHR Explorer

-- [From: Preston Douglas * EMC.Ver #2.10P] --

I have had the Oak Hills Research Explorer 20m superhet xcvr now for a couple of weeks and can list my likes/dislikes:

Like: The QSK is wonderful--like having automatic transmission

The instructions are so good, you know it will work when you finish.

The coils are wound for you and the P/C board has little pictures of all

the parts (silk screened) and it is plated-thru and masked

(almost

fail-proof)

The RIT has a center off detent

The receiver is so quiet you may not know it's on until a signal is

there.

Cabinet is handsome, pre-drilled and the dial markings are accurate!

The sale price is \$119 + ship

This is a rig you just know will work as soon as the last connection is made, and it will always work.

Somebody official at QRPARCI says this radio qualifies as homebrew

for contest points! (Thanks Cam.)

Didn't like:

Much too big. Cabinet is about 3X6X6 which is pretentious for a 3 watt xcvr. Silly for a rig that was born to be portable.

Very wimpy audio. Qrp should relate to the xmtr power, not the

earphone volume. Won't run a 2" speaker on a good day.

2 1/2 watt output: I want my full QRP gallon! (I know OHR makes a 5

watter, but that's more money and EVEN BIGGER.)

20 meters sucks at night (not OHR's fault)

Sorry this is so long. Thought it would be useful to the builders.

Next report: The Radiokit QRP30. I'm halfway through, but I have no confidence that it will work when finished! And I just received the

NN1G Mark II (40m) from Dan's. That's next in the queue. Preston

WJ2V

From owner-qrp-l@netcom.com Tue Dec 20 18:52:50 1994

Message-Id: <9412201951.AA29239@garnet.inel.gov>

Date: Tue, 20 Dec 1994 12:52:43 -0700

From: LVE1@inel.gov (Larry East)

Subject: RE: PL-259 for RG-174

Someone inquired about getting PL-259 connectors for mini-coax: well, I believe adabters (inserts) are available, but I have used inserts for RG-58 and filled up the empty space with RTV (the non-corroding kind used for automotive gaskets) after soldering he coax and it worked great! (Any port in a storm... or when trying to get a rig on he air to catch that DX!)

72, Larry W1HUE/7

From owner-qrp-l@netcom.com Tue Dec 20 15:05:03 1994

From: JSPEER@sfasu.edu

Date: Tue, 20 Dec 1994 07:19:54 -0600 (CST)

Subject: Re: qrp in the UK

Message-Id: <Pine.3.89.9412200727.A223106-0100000@TITAN.SFASU.EDU>

On Mon, 19 Dec 1994, Clark Savage Turner WA3JPG wrote:

```
> Picked this up from rec.radio.amateur.misc, and thought it was interesting.
> I will be listening.
>
> >Peter
> >G0PUB
> writes in a thread about 30 meters:
>
> >BTW, the UK novice licence has a 3 watt CW allocation from 10.130 MHz
> >to 10.140 MHz. Please take the time to scan this 10kHz section for 2E0 2M0
> >2W0 2I0 2U0 2J0 & 2D0 callsigns.
>
> Pretty neat.
>
> Clark
> WA3JPG
>
>
```

Boy! I's sure support a FIVE watt max segment on 30 meters...say from 10.105 to 10.110. I'd limit it to existing license classes, though. As someone said, t'would be a good reason to want to upgrade.

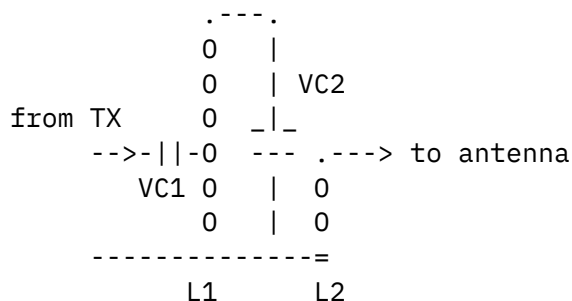
--

```
If RST > 519                                Jim Speer, K5YUT
    Then cut_power;                          jspeer@sfasu.edu
***ARRL***                                ***G-QRP 8390***    ***ARCI 8513***
```

From owner-qrp-l@netcom.com Tue Dec 20 10:53:17 1994
From: jwp@chemical-eng.edinburgh.ac.uk
Date: Tue, 20 Dec 94 13:33:52 GMT
Message-Id: <1230.9412201333@aith.chemeng.ed.ac.uk.chemeng.ed.ac.uk>
Subject: qrp Z-match

A number of people asked about this.
It's adapted from the HF part of a standard 2 coil design.
No originality claimed!

73 de Jack gm0rww



L1 17t on T-50-2 (red) toroid
Tap is 5t from bottom end
L2 10t wound over bottom of L1

VC1 should be up to 1000pF. I use miniature b.c. type with gangs in parallel. If you don't have a 2x500pF, or if you can't cover the LF end, use a small fixed C, or a trimmer, in parallel. This can cover 40m to 10m, no switching, on my 17m dipole. Note that C1 must be insulated.
VC2 Small b.c. type, about 500pF max is OK.

From owner-qrp-l@netcom.com Tue Dec 20 13:47:50 1994
From: jwp@chemical-eng.edinburgh.ac.uk
Date: Tue, 20 Dec 94 16:11:59 GMT
Message-Id: <1314.9412201611@aith.chemeng.ed.ac.uk.chemeng.ed.ac.uk>
Subject: Re: qrp Z-match, 00PS

Sorry folks, there was a fundamental error in the little circuit due to trying to 'read' it upside down from the inside of its box late last night...

Correction will follow.

73 de Jack gm0rwu

From owner-qrp-l@netcom.com Tue Dec 20 13:14:47 1994
Date: Tue, 20 Dec 1994 09:10:23 -0600 (CST)
From: Jeff Gold <JMG@nttech.edu>
Subject: QRP/SSB/antenna?
Message-Id: <01HKV06PE3DEC3S29Y@nttech.edu>

Howdi,

took a 3.5 day vacation in the northmost part of the state of TN .. right on the Kentucky border. After much deliberation, I brought my Norcal 40, my MFJ SSB (*now with CW adaptor) and my MFJ 30 meters (*built from parts), the antenna was a mini 30 meter antenna that was from a QST article.. used a 4" square of plexiglass for center support.. 2 mini pieces of plastic for end supports and wire with weird covering that tends not to kink up at all.. and some coax that is the size of RG174 (may actually be with different #.. some one was throwing away a bunch), and my old MFJ small antenna tuner.

Got to the vacation spot.. a rustic cabin with fireplace, over 100 years old.. was about to rain. so 11 year old and son made a

priority of setting up antenna before unpacking. Used a spark plug to put up the first end, the spark plug got stuck in the second tree and it was about to rain.. so used rock.. got the antenna up less than 20 feet. Ran the coax into the cabin.. hooked things to my 30 meter rig and immediatleey worked W2VEC in Syracuse, NY.

Next switched over to the 20 meter SSB MFJ and took about a minute to tune to 20 meter (and one tuned setting works for entire CW/SSB portion of band). worked Ron, KJ5XX in Plano, TX,

Worked a pecial events on the USS Lexington twice on SSB, worked Woodby Island in Washington and then spent some of the rest of the weekend working 20 meter and 30 meter CW.. Norm in Briston Maine went on about how strong and good the signal was.

I was using a small 12 volt gel cell and it wasn't completely charged .. so probably about 5 watts or so on SSB and 3 on CW. Think from the contacts the antenna must have been almost north/south.

Had a blast... couldn't use the Norcal.. my headphones I brought didn't have a stereo heaphone jack.

73,72

Jeff, AC4HF

From owner-qrp-l@netcom.com Tue Dec 20 11:58:20 1994
From: N5EM@aol.com
Date: Tue, 20 Dec 1994 10:15:16 -0500
Message-Id: <941220101515_2770180@aol.com>
Subject: Re: QRPing in a sunspot low?

Richard,

Just a word of encouragement about the sunspot lows. Everything is relative. That's not just a catchy phrase, either. Yes, at the low the propagation will not be very good. But we never really get to the point where the upper bands are dead all the time. I like to work 10 meters from the mobile (I actually get more time in the car than in the ham shack! I find that I have to be patient and know when to look. Right now, there are sporadic E openings and transequatorial openings during the early afternoon and early evening on a pretty regular basis. So while things will certainly not be like times of sunspot highs, it never goes away entirely. In the car I run 25 watts PEP and can always make contacts when the band is open.

I would like to get something like a QRP Plus or Ten Tec Scout and move to 20, 17, and 15 meters. Even during the worst sunspot times, those bands

should continue to produce contacts. The low bands will continue to work, as well.

Once again, the premium will be on your skill gained as a QRPer and in your knowledge of the bands and propagation. If you know when to operate and where to look, good QRP will always be there and your feeling of satisfaction at making contacts when the power hogs are complaining about sunspots will make up for the effort!

72 from Houston, Texas (Home of SAREX!)
Ed, N5EM

From owner-qrp-1@netcom.com Tue Dec 20 12:39:10 1994
Date: Tue, 20 Dec 1994 06:31:13 -0600 (CST)
From: Theodore Drake <tdrake@metronet.com>
Subject: Re: QRPing in a sunspot low?
Message-Id: <Pine.HPP.3.90.941220063033.16733G-100000@fohnix.metronet.com>

Cheer up Richard, conditions won't be much worse than they are now. 20 will have good and bad days and North-South Hemisphere propagation will occur on 15 and even on 10 occasionally. 40 and 30 will remain very good, 80 will be a little more crowded with dxers working on 5BDXCC but otherwise about the same. Been thru 3 of these now and always found qrp to work well, it's just not as easy and there are more rotten days -- good time to work on a new rig or antenna!
73 'Doc' W5TB

On Tue, 20 Dec 1994, RICHARD HIEBER wrote:

> Hi gang,
>
> I am wondering about what QRPing will be like in 1995 and the
> following two years. Somewhere in that period we will hit the minimum
> of the current sunspot cycle (I guesstimate it at the end of 1996).
>
> I suppose the upper bands will be really dead then during the whole
> year (sob!) and the only DX band left will be 30 meters. Are the
> prospects really that black? Is QRPing only a hobby for good
> propagation conditions? And how do the lower bands (80 and 160) behave
> during a sunspot low? Do they also deteriorate (probably, because
> everybody and his dog is gathering there) or do they become better?
>
> I really don't know and I am looking for answers. I got my shortwave
> license in 1990 when 10 meters was wide open all day long when I first
> operated with a borrowed rig during the xmas holidays ...
>
> Aah, those were the days. Maybe I am just getting depressed?
>

> Seasons greetings
> Richard Hieber, DL8MFQ / AA8CP
> sz0026@daphne.rrze.uni-erlangen.de
>

From owner-qrp-l@netcom.com Tue Dec 20 13:47:40 1994
Subject: Re: QRPing in a sunspot low?
Date: Tue, 20 Dec 1994 08:11:37 -0800
From: Clark Savage Turner WA3JPG <turner@safety.ICS.UCI.EDU>
Message-Id: <9412200811.aa22660@paris.ics.uci.edu>

> Richard,
>
> Just a word of encouragement about the sunspot lows. Everything is relative.
> That's not just a catchy phrase, either. Yes, at the low the propagation
> will not be very good. But we never really get to the point where the upper
> bands are dead all the time. I like to work 10 meters from the mobile (I

Ed makes some good points. Now, I also wonder about my own sense of the "sunspot cycle". I have the sense that propagation only gets worse on the higher bands, and that propagation actually gets better on the low bands. 160 seems to have more activity on the low end of the sunspot cycle. 80 meters goes longer. 40 is amazing when it works.

Any solar weather experts can explain this? I keep hearing the "poor propagation because sunspot cycle is low" phrase and thinking that it is indeed relative to the frequencies you operate. (Or is it that the higher frequencies being dead produces more operators and activity on the lower frequencies so I notice that :-)

Clark
WA3JPG, the lower the frequency, the better.

From owner-qrp-l@netcom.com Tue Dec 20 16:54:13 1994
From: ab4el@Cybernetics.NET (Stephen Modena)
Message-Id: <9412201622.AA16289@Cybernetics.NET>
Subject: Re: QRPing on 40 M tonight
Date: Tue, 20 Dec 1994 11:22:18 -0500 (EST)

> <<REPLY from >> Gary Donnelly 20-DEC-94 9:40
> garyd@mcspdc
> Just a hit regarding getting maps with lat/long data...For those of us in
> the DC area, the US Geologic Survey (Reston,VA) has a map store which is
> fantastic. They have many, many maps that contain lat/long.
>
> Gary KE4DMR

The main campus of each state's land grant university (like Univ. of Mass,

Univ of Missouri/Columbia, UNC-Chapel Hill, North Carolina State Univ., etc) is almost certainly a Federal Documents Depository Library. And among items that they are likely to have: The U.S. Geological Survey Maps of the United States. Often a partial series is maintained for the greatest detail available for your region. It's a great resource...for knowing your exact lat/long...and for some people, the building you live in will be shown. :^)

Also, many *good* public libraries will have the USGS Quadrant maps for your town/city and environs.

I was able to plan my fossil hunting driving vacation to Colorado this summer using those maps and The USGS Professional Papers Series and the USGS Survey of the Territories (The Hayden Expedition, 1874 and after)...all due to the excellent NCSU Depository Library.

Obligatory QRP: keep the cribsheet add-me requests coming in. Got a bunch so far today.

--

73/Steve/AB4EL ab4el@Cybernetics.NET in Raleigh, NC

From owner-qrp-1@netcom.com Tue Dec 20 19:43:59 1994
Date: Tue, 20 Dec 1994 16:07:49 -0600 (CST)
From: Jeff Gold <JMG@tnitech.edu>
Subject: rg-174
Message-Id: <01HKVF0D0EQAC3S29Y@tnitech.edu>

> John wonders about PL-259's on RG-174/U cable. I have done it by
> fortifying the 174 with electrical tape after stripping carefully to
> make the solder connections. It works fine, though not a store bought
> sort of thing.
>

I use 259 connectors with the smallest adaptors and tape the bottom of the connection.. I use this for my small portable antenna that takes about the heaviest abuse of all my antennas and haven't had any problems.. I do this because my rigs almost all have this type of jack and I don't like messing with adaptors ifn I donst needs to.

Jeffro/AC4HF

From owner-qrp-1@netcom.com Tue Dec 20 13:13:51 1994
From: J_Custin@m1.cambrex.com

Message-Id: <sef6a104.017@m1.cambrex.com>
Date: Tue, 20 Dec 1994 08:55:45 -0500
Subject: RG174

Does anyone know where i can get PL259 connectors for this Lo Mein
noodle coax? Most places I've inquired (Radio Shack, local
electronics stores, etc) never heard of the stuff.

John Custin, de WB2KQW

reply to <camnet.masterpo.J Custin>

From owner-qrp-1@netcom.com Tue Dec 20 15:20:11 1994
Date: Tue, 20 Dec 94 11:35:12 CST
From: msdooley@collie.aud.alcatel.com (Michael S. Dooley)
Message-Id: <9412201735.AA28890@collie.aud.alcatel.com>
Subject: Re: RG174

> Does anyone know where i can get PL259 connectors for this Lo Mein
> noodle coax? Most places I've inquired (Radio Shack, local
> electronics stores, etc) never heard of the stuff.
>
>
> John Custin, de WB2KQW
>
> reply to <camnet.masterpo.J Custin>

You'd be better off getting a BNC for the RG174, then using an adapter to go to
the S0239 connector.
Mike KE4PC

From owner-qrp-1@netcom.com Tue Dec 20 19:39:22 1994
From: rossi@VFL.Paramax.COM
Message-Id: <9412201724.AA18909@gvlf9-a>
Date: Tue, 20 Dec 94 12:24:54 EST
Subject: Re: RG174

->Does anyone know where i can get PL259 connectors for this Lo Mein
->noodle coax? Most places I've inquired (Radio Shack, local
->electronics stores, etc) never heard of the stuff.
->
->
->John Custin, de WB2KQW
->

->reply to <camnet.masterpo.J Custin>
->
->asterpo.J Custin>

I don't think they exist. You can either...

1. Install a regular PL-259 with a RG-58 reducer and add tape/sleeve to the RG-174 to build up the diameter to fit better in the reducer. Fan out the shield similar to how you would do it with RG-58 and solder it to the edge of the adapter sleeve before you screw it in.

.. or just let the skinny RG-174 come through the adapter and then fill the adapter sleeve with some kind of glue/filler/epoxy/etc.

.. or just skip the adapter sleeve all together and just fish the braid through one of the side holes and solder it then fill the whole connector with glue/filler/epoxy/etc.

2. Install a RCA male plug on the end of the RG-174 then use a RCA female to PL-259 male adapter.

I am sure there are other ways too..

Pete Rossi - WA3NNA
rossi@vfl.paramax.com
Unisys Corporation - Government Systems Group
Valley Forge Engineering Center - Paoli, Pennsylvania

From owner-qrp-1@netcom.com Tue Dec 20 18:14:16 1994
Subject: Re: RG174 connectors
Date: Tue, 20 Dec 1994 12:06:50 -0800
From: Clark Savage Turner WA3JPG <turner@safety.ICS.UCI.EDU>
Message-Id: <9412201206.aa08353@paris.ics.uci.edu>

John wonders about PL-259's on RG-174/U cable. I have done it by fortifying the 174 with electrical tape after stripping carefully to make the solder connections. It works fine, though not a store bought sort of thing.

I tend to use BNC's now and I have a BNC female to PL-259 male to take care of the problem. BNC's can be found to work with 174 pretty easily, though maybe not at Radio Shack.

Clark
WA3JPG

From owner-qrp-1@netcom.com Tue Dec 20 17:22:51 1994
Date: Tue, 20 Dec 1994 11:26:25 -0800 (PST)
From: Andrew Volokitin <avolokit@sparta.sjsu.edu>
Subject: See ya next semester!!!
Message-Id: <Pine.3.89.9412201104.B8604-0100000@sparta.SJSU.EDU>

Well... since I'm posting this to two lists,

Finals are finally over (for this semester) and now it's time to head home for the holidays...

For the time being, I'm going to unsubscribe from the lists, but will be back soon!!!

To All:

Happy Holidays!!!!

72.5 de Andy

Andrew Volokitin avolokit@sparta.sjsu.edu
San Jose State University
San Jose, California

SJSU HPV 1994-1995 Team Member
Email Coordinator

///\\///\\///\\///\\///\\///\\///\\///\\///\\///\\///\\
cq cq cq de kc6tbo kc6tbo kc6tbo k
TIP#297 -- Paint'em ALL,let the ref sort'em out!!
=====

From owner-qrp-1@netcom.com Tue Dec 20 16:40:47 1994
From: ab4el@Cybernetics.NET (Stephen Modena)
Message-Id: <9412201421.AA04367@Cybernetics.NET>
Subject: Sorry I didn't trim that last forward
Date: Tue, 20 Dec 1994 09:21:37 -0500 (EST)

Oh well...it's getting to me. I misposted the revised cribsheet...
it came back...I forwarded to the correct address...but forgot to
trim the trash at the top.

Never mind...received more requests for inclusion...will post revised
cribesheet again tomorrow with more additions.

Not too late to get on. :^)

--

73/Steve/AB4EL ab4el@Cybernetics.NET in Raleigh, NC

From owner-qrp-l@netcom.com Tue Dec 20 11:35:19 1994

From: ab4el@Cybernetics.NET (Stephen Modena)

Message-Id: <9412201423.AA04593@Cybernetics.NET>

Subject: SSB QRP FOX schedule -- Thur 22 Dec Eastern Standard Time

Date: Tue, 20 Dec 1994 09:23:37 -0500 (EST)

SSB QRP FOX HUNT for THUR 22 DEC (North American Time)

FOX: Steve AB4EL ab4el@Cybernetics.NET in Raleigh, NC

MODE: lower SSB

POWER: QRP

SCHEDULE: Times are EASTERN STANDARD on THUR evening 22 DEC

EST TIME -----	BAND SEG -----	
8:00--8:15 pm	3.750-3.760	requires EXTRA license
8:15--8:30 pm	3.780-3.788	requires ADVANCED license++ (3.790-3.800 is DX window--NO RAGCHEW there)
8:30--8:45 pm	3.900-3.910	requires GENERAL license (early checkins for CC Net on 3.9035--be nice! Net starts at 9:00--welcomes QRPers to checkin)

<band hop period>

8:45--9:00 pm	7.160-7.165	requires GENERAL license
9:00--9:15 pm	7.210-7.220	requires ADVANCED or EXTRA
9:15--9:30 pm	7.160-7.165	
9:30--9:45 pm	7.210-7.220	
9:45-10:00 pm	7.160-7.165	

Why move so much? Because we don't know whom or what I will be competing with...how propagation will go. MAKE SURE THE CLOCK IN YOUR SHACK IS CHECKED AGAINST WWV!

Even if you can't transmit during a segment, listen and report back here to the qrp-l list! :^) Who did you hear? What did band conditions sound like where you are?

And please, call CQ a few times in addition searching for the FOX.
Feel free to act as a spotter for others...if you can hear me, and
hear others...let them know what frequency I'm on.

Don't worry about stepping on me...I can handle the situation.

I'd like to see a situation where we maximize the number of QS0s
made between the hounds...besides succeeding in grabbing the FOX.

If you think I've made a mistake in typing this announcement,
speak up. I'm my own worst editor. :^)

--

73/Steve/AB4EL ab4el@Cybernetics.NET in Raleigh, NC

Rev 1994.12.20/14.08Z

From owner-qrp-1@netcom.com Tue Dec 20 14:18:32 1994
From: jwp@chemical-eng.edinburgh.ac.uk
Date: Tue, 20 Dec 94 12:42:58 GMT
Message-Id: <1169.9412201242@aith.chemeng.ed.ac.uk.chemeng.ed.ac.uk>
Subject: SSB QRP FOXes

A suggestion...

In my experience, 40m qrp ssb is VERY hard. We're unlikely to be able to
hear you in Europe, and we can't call because the band plans are different.

I reckon the best qrp phone band is 17m. I've worked all over Europe,
to N America quite often, and occasionally into Africa or Asia, with
5-10W ssb. Since we seem to have agreed that a fox hunt is not a contest,
it might be interesting to try this band. It will be even more interesting
as the sunspot cycle picks up.

Jack, gm0rwu

From owner-qrp-1@netcom.com Tue Dec 20 17:14:00 1994
Subject: Re: SSB QRP FOXes
Date: Tue, 20 Dec 1994 10:16:39 -0800
From: Clark Savage Turner WA3JPG <turner@safety.ICS.UCI.EDU>
Message-Id: <9412201016.aa00105@paris.ics.uci.edu>

Jack writes:

>In my experience, 40m qrp ssb is VERY hard. We're unlikely to be able to
>hear you in Europe, and we can't call because the band plans are different.

This has not been my experience, but I have worked at it. If you hang
with the DX net (not real active for a little while now) on about
7198 or so (they listen around 7058 + / - a few), you might notice some
USA signals and get back here to us. I have used a dipole here on the
West Coast and worked Europe easily with 100 watts before, with good
signal reports. It might be worth a try on that basis. This happens
around 0700 UTC + / - an hour or two.

>I reckon the best qrp phone band is 17m. I've worked all over Europe,
>to N America quite often, and occasionally into Africa or Asia....

Well, there is a good plan anyway. 17 is a very nice band, I agree!

Clark, true believer in 40 meters! WA3JPG

From owner-qrp-l@netcom.com Tue Dec 20 21:43:10 1994
From: qrmodena@csemail
Message-Id: <9412202238.AA117517@csemail.cropsci.ncsu.edu>
Subject: Re: SSB QRP FOXes...split freqs
Date: Tue, 20 Dec 94 17:38:16 EST

Clark sez:

>

> Jack writes:

>

> >In my experience, 40m qrp ssb is VERY hard. We're unlikely to be able to
> >hear you in Europe, and we can't call because the band plans are different.

>

> This has not been my experience, but I have worked at it. If you hang
> with the DX net (not real active for a little while now) on about
> 7198 or so (they listen around 7058 + / - a few), you might notice some
> USA signals and get back here to us.....

In the USA, 7.150-7.225 is good for Advanced and Extra licensees...
the 7.160-7.165 segment can be worked by all with General and up.

I chose the 7.210-7.220 segment because it seems to be surprisingly
free of BC stations...at least as heard on this side of the Atlantic. :^)
For future reference, can Europeans hear better somewhere in the
7.150-7.200 segment?

Along the line Clark suggested, likely European participants need to
speak up: what split frequency do you want me to listen on? I

can accept 7.058...or perhaps a single frequency in the 7.090-7.100 range...
or has digital completely killed the use of that segment for split calling?

And Jack, you didn't mention whether you will be calling in the
3.750-3.760 and 3.789-3.788 legs of the schedule. Do you need a
split frequency for that? I suspect not since I've worked UK on
3.795. Any non-USA/CANADA likely participants need me to listen
on a split freq on 75 M?

Remember: we are not only hunting the fox, but hounds working
hounds also. :^)

One trailing thought for K5F0 and anyone else that is CW-only.
For my trial-by-fire night, please crank your microphone-less
radios up on freq and try to attract my attention with your bug.
We can keep it short (callsign & report) for cross-modes...not
for points, of course...but nice to know when someone can hear you.

--

73/Steve/AB4EL ab4el@Cybernetics.NET in Raleigh, NC

From owner-qrp-l@netcom.com Tue Dec 20 15:48:52 1994
Message-Id: <INELVM1.LVE.241141100094354FINELVM1@INEL.GOV>
Date: 20 Dec 1994 10:40:10 MST
From: "Larry East" <LVE@inel.gov>
Subject: RE: Storing QRPP and SPRAT issues.

Advanced Nuclear Systems Technology
MS 7113 533-4005 lve@inel.gov
Please feel free to use the following in QRPP (posted to qrp-l last week):

Have a productive day :-)

*** Forwarding note from LVE --INELVM1 12/15/94 09:13 ***
To: OAS --INELSSW OFF-SITE MAIL (SOF

FROM: Larry East
Advanced Nuclear Systems Technology
MS 7113 533-4005 lve@inel.gov
Subject: RE: Storing QRPP and SPRAT issues.

I ran accross some small 3-ring binders in an office supply store that are
the right size for QRPP and SPRAT. However, I ran into a problem in punching
holes in the thick (72 page) issues of QRPP. Even the thinner SPRAT's were
a challance; I only managed to get my hand-held hole punch thru about two
issues before it broke! So, I used the following approach:

1. I drilled 1/4 in. "pilot holes" in a strip of 1/4 in x 2 in wood the
same length as the QRPP journal (matal would have been better, but I

didn't have any).

2. With an issue of SPRAT or QRPP firmly clamped between a piece of 1 x 2 and the wood with the pilot holes (properly positioned at the edge of the magazine), I drill thru the magazine with a 1/4 inch drill.

With the magazine tightly clamped between the two strips of wood (I used a couple of "C" clamps and the edge of my work bench) and slowly drilling with a SHARP bit, fairly clean holes can be produced without doing damage to the magazine.

(NOTE: Feel free to publish this in QRPP or anywhere else -- just remember who you got it from!)

72, Larry W1HUE/7 (Idaho Falls, ID)

(PS -- about time to start antenna work; now have about one ft of snow!)

Have a productive day :-)

From owner-qrp-l@netcom.com Tue Dec 20 23:07:31 1994
Message-Id: <199412210203.VAA19182@thor.INS.CWRU.Edu>
From: Stephen Trier <sct@po.cwru.edu>
Date: 21 Dec 1994 02:03:49 GMT
Subject: Super T tuner from Kanga US?

Gang,

I need a tuner. I'm living in an apartment with no immediate prospects for outdoor antennas, and it's obvious I need to build a tuner. I'm thinking about the Super T tuner kit from Kanga US.

Any opinions on whether this is a good design? Am I likely to be happy with it, or will I want something else? What else?

I think I'm looking for something to tune indoor dipoles and possibly a clandestine magnet-wire antenna out the window. Tell me if I should be looking for something else -- I know very little about tuners.

Stephen

--

Stephen Trier "If it sounds good, it is good."
sct@po.cwru.edu - Duke Ellington
KG8IH

From owner-qrp-1@netcom.com Tue Dec 20 19:56:49 1994
Message-Id: <9412202134.AA00683@garnet.inel.gov>
Date: Tue, 20 Dec 1994 14:34:52 -0700
From: LVE1@inel.gov (Larry East)
Subject: Test message

Testing new e-mail system... Will be fox hunting tonight, so if you need Idaho, give me a call!

->FOIA Exemption 5B, Draft Predecisional Information<-
(Which means: "Any opinions expressed herein are
my own and probably do not agree with those of
my employer, the U.S. Government or my spouse".)

--... ..--
Larry V. East (W1HUE)
Idaho National Engineering Laboratory
e-mail: LVE1@garnet.inel.gov
voice: (208) 533-4005
FAX: (208) 533-4207

From owner-qrp-1@netcom.com Tue Dec 20 22:05:22 1994
Date: Wed, 21 Dec 94 00:31 GMT
From: oddjob@cix.compulink.co.uk (Stephen Walters)
Subject: The equipment I will use
Message-Id: <memo.587209@cix.compulink.co.uk>

Dear All,

WHEN I pass the UK's Radio Amateur Exam AND the Morse test I will keep my Drake R8e and built a TX. It's a shame I can't use the R8e as a VFO for the TX?

any ideas boys!!

oddjob@cix.compulink.co.uk
Personality is no substitute for good cleavage.

From owner-qrp-1@netcom.com Tue Dec 20 19:22:58 1994
Date: Tue, 20 Dec 94 14:51:36 -0600
From: adams@chuck.dallas.sgi.com (chuck adams)
Message-Id: <9412202051.AA01589@chuck.dallas.sgi.com>
Subject: US database

Gang,

I've gotten a number of email requests for the data base,
i.e. the long/lat and program for the great circle bearing.

I'm in process of getting the entire works to be included
in the QRZ CDRom and will let you know the ftp site.
Since it's over 9MB, I won't be able to email it. I'd be
in serious yogurt for sure. :-)

dit dit

Chuck Adams K5FO CP-60 adams@sgi.com